**Physical Science Scientific Problem Solving Outline**

*Vocabulary*: Define in your own words

Science-

Technology-

Critical Thinking-

Precision-

Accuracy-

Quantitative Data-

Qualitative Data-

Dependent Variable-

Independent Variable-

Constant-

Percent Error-

**Respond to the following questions/prompts:**

What are some steps used during scientific inquiry? Explain. (6 pts)

Compare and contrast a hypothesis, scientific theory, and a scientific law. (3 pts)

Explain the importance of the SI unit system. Provide an example of 3 SI units. (2 pts)

Why is scientific notation a useful tool for scientists? Explain. (2 pts)

***ABOUT THE READING:***

Write three things that you learned about Scientific Problem Solving*:*

***Make sure to write a full sentence.***

*Example: I learned that alkali metals are in the first column of the periodic table, but does not include hydrogen.*

*1.*

*2.*

*3.*

**ASSIGNED WORK:**

*Using your Inspiration Maps App, create a flow chart that explains how scientific methods are used to perform problem solving. Include definitions for key terms where applicable. (10 pts)*

*Please attach the Flow Chart to your outline when submitting your assignment.*